

New! WEBINAR SERIES



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Due to Covid-19, this year's 4th annual MonDak Ag Research Summit has been converted from an in-person event to a live webinar series. Dates are below and all webinars air from 10-11:30 am MST / 11:00 a.m. - 12:30 pm CST. Each webinar features a keynote presentation followed by three shorter talks from local scientists with the Summit's originating institutions including: Montana State University's Eastern Agricultural Research Center and the USDA Agricultural Research Service's Northern Plains Agricultural Research Lab, both in Sidney; and North Dakota State University's Williston Research Extension Center in Williston. **Connection information is below and available at:** www.ars.usda.gov/pa/nparl/agsummit, which will also host recordings of the webinars following the live sessions.

2021 MonDak Ag Research Summit - Webinar Schedule

Webinar link: <https://ndsu.zoom.us/j/91453448686> (No registration required.)

Please Note: All webinars run from **10 am - 11:30 am MST / 11 am - 12:30 pm CST** and share the same link.

Thursday, January 14

Keynote Presentation: *Fertilizer considerations during and after drought* - **Dr. Clain Jones**, Professor and Extension Soil Fertility Specialist; College of Agriculture; Montana State University – Bozeman

Additional Presentations:

- *Seed-row banded lime to remediate soil surface acidification* - **Dr. Jim Staricka**, Soil Scientist, NDSU Williston Research and Extension Center
- *Investigating fertility and cultivar for pea protein improvement* – **Dr. William Franck**, Research Scientist-PhD; MSU Eastern Agricultural Research Center – Sidney, MT
- *Soil health indicators and crop yield affected by long-term tillage and cropping sequence* – **Dr. Upendra Sainju**, Research Soil Scientist; USDA-ARS Northern Plains Agricultural Research Laboratory – Sidney, MT

MT Pesticide Credit Available: Participation in the live version of this webinar qualifies Montana residents for one (1) pesticide recertification credit in the following categories: 10 - Dealer; 30 - Agricultural Plant Pest Control; 39 - Demonstration & Research Pest Control; 60 - Private Agricultural Pest Control

Thursday, January 28

Keynote Presentation: *The mechanical aspects of precision and variable rate irrigation* - **Dr. Tom Scherer**, Associate Professor (Extension Engineering); Department of Agricultural and Biosystems Engineering; North Dakota State University – Fargo

Additional Presentations:

- *Irrigation study for sugar beet and pulse crops* - **Dr. Chengci Chen**, Superintendent, PhD; Cropping Systems Agronomist; MSU Eastern Agricultural Research Center – Sidney, MT
- *Soil moisture sensors* - **Dr. Bart Stevens**, Research Leader (Agricultural Systems Unit) and Research Agronomist (Irrigated), USDA-Agricultural Research Service; Northern Plains Agricultural Research Laboratory – Sidney, MT
- *Comparing tillage systems in an irrigation environment* - **Tyler Tjelde**, Irrigation Agronomist, NDSU Williston Research and Extension Center – Williston, ND

Tuesday, February 9

Keynote Presentation: *Managing root rot of pulses* - **Dr. Mary Burrows**, Professor; Plant Sciences & Plant Pathology; Assoc. Director, Montana Ag Experiment Stations; Montana State University – Bozeman

Additional Presentations:

- *The effect of long-term rotations on agronomic characteristics and root rot control – Study overview* - **Dr. Brett Allen**, Research Agronomist (Dryland); Agricultural Systems Unit; USDA-Agricultural Research Service; Northern Plains Agricultural Research Laboratory – Sidney, MT

(continued on back)

- [The effect of long-term rotations on agronomic characteristics and root rot control – Aphanomyces](#) - **Dr. Audrey Kalil**, Plant Pathologist; NDSU Williston Research and Extension Center – Williston, ND
- [The effect of long-term rotations on agronomic characteristics and root rot control – Fusarium](#) - **Dr. Frankie Crutcher**, Assistant Professor / Plant Pathologist; MSU Eastern Agricultural Research Center – Sidney, MT

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Thursday, February 25

Keynote Presentation: [2021 Weed control update in the MonDak](#) - **Dr. Brian Jenks**, Weed Scientist; North Central Research Extension Center – Minot; North Dakota State University

Additional Presentations:

- [Purging Spurge: where are flea beetles most effective?](#) - **Dr. Natalie West**, Research Ecologist; Pest Management Unit; USDA Agricultural Research Service; Northern Plains Agricultural Research Laboratory – Sidney, MT
- [Management of herbicide resistant weeds in sugarbeet systems](#) - **Dr. Lovreet Shergill**, Weed Scientist; MSU Southern Agricultural Research Center – Huntley, MT
- [Aquatic invasive weeds in Montana and North Dakota](#) - **Dr. John Gaskin**, Research Leader and Research Biologist; Pest Management Unit; USDA Agricultural Research Service; Northern Plains Agricultural Research Laboratory – Sidney, MT

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Thursday, March 11

Keynote Presentation: [Seasonal outlooks and potential climate change impacts for Eastern MT and Western ND](#) - **Patrick Gilchrist**, Warning Coordination Meteorologist/Service Coordination Hydrologist, NOAA, National Weather Service Station – Glasgow, MT

Additional Presentations:

- [Effect of crop management practices on soil microbial communities](#) - **Dr. Sadikshya Dangi**, Microbiologist; Agricultural Systems Unit; USDA-Agricultural Research Service; Northern Plains Agricultural Research Laboratory – Sidney, MT
- [Palmer amaranth / Sugarbeet weed control](#) - **Dr. Clint Beiermann**, Assistant Professor, Cropping Systems Agronomist, MSU Northwestern Ag Research Center - Kalispell, MT
- [Soil Compaction](#) - **Dr. Jalal “Jay” Jabro**, Research Soil Scientist; Agricultural Systems Unit; USDA-Agricultural Research Service; Northern Plains Agricultural Research Laboratory – Sidney, MT

Thursday, March 25 - (Marketing / Risk Management)

Keynote Presentation: TBA

Presenter: **Dr. Vincent Smith**, Professor, Initiative for Regulation and Applied Economic Analysis, Department of Agricultural Economics and Economics, College of Agriculture, Montana State University - Bozeman

Additional Presentations: TBD

For questions or more information, contact Beth Redlin at 406-433-9427; beth.redlin@usda.gov, or Violeta Hobbs at 701-774-4315; violeta.hobbs@ndsu.edu, or visit our website at www.ars.usda.gov/pa/npa/agsummit.